

CURRICULUM VITAE

PERSONAL DATA

Name: Yu-Shan (Teresa) Hsieh, RN., NP., PhD.
 Current Position: Associate Professor
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EDUCATION

Duration	Institution & Location	Degree	Major Subject
2016-2020	<u>Korea university</u> College of Nursing Seoul, Republic of Korea	Ph.D.	Basic Nursing Science
2007-2009	<u>Chang Gung University</u> Graduate Institute of Basic Medical Science Taoyuan, Taiwan	MS	Physiology and Pharmacology
2005-2007	<u>National Taipei College of Nursing School of Nursing</u> Department of Nursing Taipei, Taiwan	BSN	Nursing

WORK EXPERIENCE

Duration	Institution & Location	Position
2024- Present	National Taipei university of Nursing and Health Sciences Performance examination center	Director of the Centre
2024- Present	National Taipei university of Nursing and Health Sciences School of Nursing	Associate Professor
2020-2024	National Taipei university of Nursing and Health Sciences School of Nursing	Assistant Professor
2021-2024	Taipei Medical University Hospital Department of Research	Assistant Researcher Fellow
2012-2015	Taipei Medical University Hospital Division of Hema-Oncology Department of Internal medicine	Nurse Practitioner
2009-2012	Taipei Medical University Hospital	Register Nurse

SPECIALTIES & RESEARCH INTERESTS

1. Nursing of Endocrine Diseases and Diabetes
2. Pharmacology and Therapeutics of Endocrine and Metabolic Disease
3. Pharmacology in cardiovascular, end-stage oncologic disease
4. Physiology in aging of endocrine modulation
5. Oncology hematology and oncology nursing
6. Experiment molecular biochemistry technology and analysis

PUBLICATIONS

Journals

1. **Hsieh YS***, Lin YY (2026) Association Between Low-Dose Aspirin Use and Early Renal Injury Markers in Patients With Type 2 Diabetes Mellitus: A Retrospective Matched Cohort Study. *Diabetes Metabolic Syndrome and Obesity (proofing)* (**IF: 3.5; SCIE**)
2. Seo EH, Kim KM, YS S, **Hsieh YS**, Ryu SW* (2026) A Clinical Prediction Model for Low Psoas Muscle Radiodensity in Adults with Severe Obesity: Development and Internal Validation. *Frontiers in Nutrition (proofing)* (**IF: 5.5; SCIE**)
3. Chen YH, Lin CH, Liu JH, Lin HA, **Hsieh YS*** (2026) Effects of incentive spirometer training on dyspnea and functional status in patients with long COVID. *PLOS ONE*. 21(6): e0351553. (**IF: 2.8 ; SCIE**)
4. Chen YH, Lin CH, Liu JH, Lin HA, **Hsieh YS***. (2026). Association Between Prior NRICM101 Use and Response to Incentive Spirometer Training in Patients with Long COVID. *Healthcare*. 14(12), 1630. (**IF: 3.4 ; SCIE**)
5. Yeh ST, **Hsieh YS*** (2025). Effectiveness of Keeogo Exoskeleton-Assisted Rehabilitation on Functional Mobility in Older Adults with Multimorbidity: A Single-Arm Pilot Study. *Internal Journal of General Medicine*. 2025 Nov 11;18:6923-6932. (**IF: 2.3; SCIE**)
6. Yang TT, Chuang, HC, Chen WC, **Hsieh YS*** (2025). Case Report: Percutaneous catheter drainage in the treatment of amebic liver abscess with syphilis infections - a case study and literature review. *Frontiers in Medicine*. 2025 Aug 13;12:1620317. (**IF: 3.3; SCIE**)
7. **Hsieh YS***, Lo CL, Lin YY. (2025). Effectiveness of a Structured 2-Year Diabetes Health Education Program of Patients with Type 2 Diabetes Mellitus in Disease-Related Serum Markers. *Diabetes Metabolic Syndrome and Obesity*. 2025 Jun 4;18:1849-1858. (**IF:3.4; SCIE**)
8. Chen YH, **Hsieh YS***. (2024) A Narrative Review of Impact of Incentive Spirometer Respiratory Training

- in Long COVID. *Internal Journal of General Medicine*. 13(17):5233-5246. (IF:2.1; SCIE)
9. **Hsieh YS***, Lin YY. (2024) Comment on: "Premature Death in Bodybuilders: What Do We Know?". *Sports Medicine*. 2024 Sep 24. (IF:9.0; SCIE)
 10. **Hsieh YS***, Yang TT, Hsu CH, Lin, YY. (2024). Association between Thyroid Profile Levels and Lymph Node Metastasis in Papillary Thyroid Carcinoma: A Retrospective Study. *Reports*, 7(3), 78. (ESCI)
 11. Kim YJ, Lee MK, Kim U, Lee JM, **Hsieh YS**, Seol GH* (2024). Lavandula angustifolia Mill. inhibits high glucose and nicotine-induced Ca²⁺ influx in microglia and neuron-like cells via two distinct mechanisms. *Biomedicine & Pharmacotherapy*. 17;(2026):117062. (IF:6.9; SCIE)
 12. Lin YY, Weng SF, Yang TT, Lee YW, Liu JH, **Hsieh YS*** (2024). Unusual body weight loss due to primary hyperparathyroidism: A case study with literature review. *Heliyon*. 16;10(6):e28333. (IF:4.0; SCIE)
 13. Yeh MC, Chuang, HC, Weng, SF, Huang CL, Lin YP, Lin YY, **Hsieh YS*** (2023). Newly diagnosed type 1 diabetes mellitus in a human immunodeficiency virus-infected patient with antiretroviral therapy-induced immune reconstitution inflammatory syndrome: a case report. *BMC Infectious Diseases* 23, 619. (IF:3.7; SCIE)
 14. Lee YW, Yang TT, Lin YY, **Hsieh YS*** (2023) Elevated Free Thyroxine Levels Might Alter the Effect of the Lipid Profile on Insulin Resistance in Type 2 Diabetes Mellitus. *Diagnostics*, 13:2656. (IF:3.6; SCIE)
 15. **Hsieh YS*** (2023) Safety of Antithyroid Drugs in Avoiding Hyperglycemia or Hypoglycemia in Patients with Graves' Disease and Type 2 Diabetes Mellitus: A Literature Review. *Cureus Journal of Medical Science*. 2023 Jun 27;15(6):e41017 (ESCI).
 16. Yeh MC, Lin YY, **Hsieh YS*** (2023) Association between acetylsalicylic acid and glycemic control in type 2 diabetes mellitus: A cross-sectional pilot study with pair-matched controls. *Formosan Journal of Endocrinol Metabolism* 14(2):69-76
 17. Lin YY, **Hsieh YS*** (2023) Iodine nutritional status as not a directly factor in the prevalence of the BRAFV600E mutation in papillary thyroid cancer. *Archives of Endocrinology Metabolism*. 2023 Jan 17:2359-3997000000530. (IF: 2.032; SCIE)
 18. **Hsieh YS***, Yeh MC, Lin YY, Weng SF, Hsu CH, Huang CL, Lin Y-, Han AY (2022) Is the level of serum lactate dehydrogenase a potential biomarker for glucose monitoring with type 2 diabetes mellitus? *Frontiers in Endocrinology*. 2022; 13:1099805 (IF: 6.055; SCIE)
 19. Lin YY, Weng SF, Hsu CH, Huang CL, Lin YP, Yeh MC, Han AY, **Hsieh YS*** (2022) Effect of metformin monotherapy and dual or triple concomitant therapy with metformin on glycemic control and lipid profile management of patients with type 2 diabetes mellitus. *Frontiers in Medicine*. 2022;9:e995944. (IF: 5.058; SCIE)
 20. Lee YW, Lin YY, Weng SF, Hsu CH, Huang CL, Lin YP, **Hsieh YS*** (2022) Clinical significance of hepatic function in Graves' disease with type 2 diabetic mellitus: A single-center retrospective cross-sectional study in Taiwan. *Medicine* 2022;101:34; e30092. (IF: 1.817; SCIE)
 21. Shin YK, Kwon SH, **Hsieh YS**, Han AY, Seol GH (2022) Linalyl acetate restores colon contractility and blood pressure in repeatedly stressed-ulcerative colitis rats. *Environmental Health and Preventive Medicine*. 27:27(IF: 4.395; SCIE)
 22. Lin YY, **Hsieh YS*** (2021) Effect of Acetylsalicylic Acid on Oxidative Stress-Related Damage of INS-1 Pancreatic Beta Cell. *Formosan Journal of Endocrinol Metabolism* 12: 94-99

23. Lin YY, **Hsieh YS*** (2021) Chronic Alcohol Abuse-Induced Hypokalemia Might Lead to Delay ed Diagnosis or Misdiagnosis of Thyrotoxic Periodic Paralysis. *Cureus Journal of Medical Science*, 13(6):e15880.(ESCI)
24. **Hsieh YS** , Shin YK, Seol GH. Protection of the neurovascular unit from calcium-related ischemic injury by linalyl acetate. *Chinese Journal of Physiology*. 2021;64(2):88-96. (IF:1.76; SCIE)
25. Seo EH, Shin YK, **Hsieh YS**, Lee JM , Seol GH.(2021) Linalyl acetate as a potential preventive agent against muscle wasting in rheumatoid arthritis rats chronically exposed to nicotine. *Journal of Pharmacological Science*. S1347-8613(21) 00045-1. (IF:2.49; SCIE)
26. Shin YK, **Hsieh YS**, Han AY, Kwon SH, Kang P, Seol GH. (2020) Sex-specific susceptibility to type 2 diabetes mellitus and preventive effect of linalyl acetate. *Life Sciences* 260 (2020) 118432. (IF:3.647; SCIE)
27. Lee YW, **Hsieh YS**, Chang FH, Wu YL, Huang SJ, Lee YH, Chen YC.(2020). Experiences with Making Difficult Decisions of the Family Caregivers of Patients on Prolonged Mechanical Ventilation: A Qualitative Study. *Annals of Palliative Medicine*. 2020;9(4):1742-1751. (IF:1.681; SCIE)
28. Shin YK, **Hsieh YS**, Han AY, Seol GH .(2020). Sex differences in cardio-metabolic and cognitive parameters in rats with high-fat diet-induced metabolic dysfunction. *Experimental biology and medicine*, 245(11):977-982. (IF: 3.139; SCIE)
29. Lee ST, **Hsieh YS***. (2020). Emancipated Decision-Making: A Concept Analysis. *Journal of Taiwan nurse practitioner* 2020(7)36-42. (Chinese)
30. Shin YK, **Hsieh YS**, Han AY, Lee KW, Seol GH. (2020). Beneficial effects of *Codonopsis lanceolata* extract on systolic blood pressure levels in pre-hypertensive adults: A double-blind, randomized controlled trial. *Phytotherapy research*, 34(2): 340-348 (IF: 3.766; SCIE)
31. Shin YK, Han AY, **Hsieh YS**, Kwon S, Kim J, Lee KW, Seol GH, et al. (2019). Lancemaside A from *Codonopsis lanceolata* prevents hypertension by inhibiting NADPH oxidase 2-mediated MAPK signaling and improving NO bioavailability in rats. *Journal of pharmacy and pharmacology*, 71(9):1458-1468. (IF: 2.390; SCIE)
32. **Hsieh YS**, Shin YK, Han AY, Kwon S, Seol GH. (2019). Linalyl acetate prevents three related factors of vascular damage in COPD-like and hypertensive rats. *Life sciences*, 1(232): 116608. (IF: 3.448; SCIE)
33. **Hsieh YS**, Kwon S, Lee HS, Seol GH. (2018). Linalyl acetate prevents hypertension-related ischemic injury. *PLoS One*, 13(5):e0198082. (IF: 2.776; SCIE)
34. Kwon S, **Hsieh YS**, Shin YK, Kang P, Seol GH. (2018). Linalyl acetate prevents olmesartan-induced intestinal hypermotility mediated by interference of the sympathetic inhibitory pathway in hypertensive rat. *Biomedicine & pharmacotherapy*, 102:362-8. (IF: 3.743; SCIE)
35. Shin YK, **Hsieh YS**, Kwon S, Lee HS, Seol GH. (2018). Linalyl acetate restores endothelial dysfunction and hemodynamic alterations in diabetic rats exposed to chronic immobilization stress. *JOURNAL OF APPLIED PHYSIOLOGY*, 124(5):1274-83. (IF: 3.140; SCIE)
36. Hsu CY, **Hsieh YS**. (2014). Oxidative stress decreases in the trophocytes and fat cells of worker honeybees during aging. *Biogerontology*, 15(2):129-37. (IF: 3.805; SCIE)
37. **Hsieh YS**, Hsu CY. Oxidative stress and antioxidant enzyme activities in the trophocytes and fat cells of queen honeybees (*Apis mellifera*). *Rejuvenation research*. 2013;16(4):295-303. (IF: 3.811; SCIE)

38. **Hsieh YS**, Hsu CY. (2011). Honeybee trophocytes and fat cells as target cells for cellular senescence studies. *Experimental gerontology*, 46(4):233-40. (IF: 3.080; SCIE)
39. **Hsieh YS**, Hsu CY. (2011). The changes of age-related molecules in the trophocytes and fat cells of queen honeybees (*Apis mellifera*). *Apidologie*, 42(6):728-39. (IF: 2.250; SCIE)
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Conference

1. **Hsieh, YS***, Lin, Y.Y (2024) Exploring the association between Aspirin use and dyslipidemia with microalbuminuria in Type 2 Diabetes mellitus. *The 1st Asian Conference on Innovative Therapies for Diabetes Management (ATTD-ASIA 2024)* (Singapore, Singapore)
2. **Hsieh, YS***, Lin, Y.Y (2023) Improvement of Acetylsalicylic Acid on High level Glucose Induced Damage in Pancreatic Beta Cells. *The 10th Federation of the Asian and Oceanian Physiological Societies Congress (FAOPS 2023)* (Daegu, Korea)
3. **Hsieh, YS***, Lin, Y.Y, Lo, C.L. (2023) Effectiveness of Share care disease management on glycated hemoglobin, lipid profile, blood pressure, and weight control in patients with type 2 diabetes: A single-center longitudinal cohort study. *11th Seoul International Congress of Endocrinology and Metabolism* (Seoul, Korea)
4. **Hsieh, YS***, Lin, Y.Y (2021). Discussion of the relevance between iodine nutritional status and BRAFV600E mutation on papillary thyroid cancer. *The Fifteenth First General Assembly and Academic Lectures of the Endocrine Society and Diabetes Society of the Republic of China* (Taipei, Taiwan).
5. Yang TT, Lee YW, Lin YY, **Hsieh YS***. (2021) Regional Variations of the incidence rate of lymph node metastasis in papillary thyroid carcinoma : Single-center case series and literature review *In 18th Asia-Oceania Congress of Endocrinology* (Busan, Korea).
6. **Hsieh, YS***, Lin, Y.Y (2020). Beta adrenergic blocker could maintain blood potassium stable in thyrotoxic periodic paralysis: A case report. *In 17th Asia-Oceania Congress of Endocrinology* (Seoul, Korea).
7. Shin, Y.K., **Hsieh, Y.S.**, Han, A.Y., & Seol, G.H. (2019). *Codonopsis lanceolata* extract prevents endothelial dysfunction, inflammation, and lipid peroxidation in pre-hypertensive adults. in *Sigma Theta Tau international honor society of nursing* (Seoul, Korea).
8. Seol, G.H., **Hsieh, Y.S.** & Shin, Y.K. (2019). Linalyl acetate protects the neurovascular unit from calcium-related ischemic injury in *The 10th World Congress of the International Brain Research Organization (IBRO)* (Daegu, Korea).